

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,090,824 B2  
APPLICATION NO. : 09/917147  
DATED : August 15, 2006  
INVENTOR(S) : Thomas J. Pinnavaia, Zhaorong Zhang and Randall Hicks

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

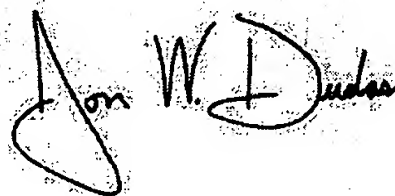
Column 9, 16, after "catalyst" the following should be inserted:

--component, owing primarily to the higher available surface areas and pore volumes. In addition to being an improved ingredient for the fluidized catalytic cracking and hydrocracking of petroleum, the mesostructured transition aluminas of this invention also should be useful catalyst components for many other chemical conversions, including the hydrodesulfurization of petroleum, the steam reforming of hydrocarbons, ammonia synthesis, and many other heterogeneous catalytic processes.--

Column 14, line 21, "from Al (NO<sub>3</sub>)<sub>3</sub>" should be --from Al (NO<sub>3</sub>)<sub>3</sub>-- .

Signed and Sealed this

Seventeenth Day of April, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a faint, circular embossed seal of the United States Patent and Trademark Office.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*